

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 13 (canceled).

Claim 14 (previously presented): A heterojunction bipolar transistor, comprising:

 a sub-collector;

 a collector atop the sub-collector;

 a base atop the collector;

 a base contact atop the base;

 an emitter atop the base, the emitter comprising a first sidewall with a first reentry feature consisting entirely of a first undercut profile;

 an emitter cap atop the emitter, the emitter cap comprising a second sidewall with a second reentry feature consisting entirely of a second undercut profile; and

 an emitter metal atop the emitter cap.

Claim 15 (canceled).

Claim 16 (previously presented): The transistor of claim 14, wherein the collector comprises a third sidewall with a third reentry feature consisting entirely of a third undercut profile.

Claim 17 (previously presented): The transistor of claim 16, wherein the base comprises a fourth sidewall with a fourth reentry feature consisting entirely of a fourth undercut profile.